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	Substitute for form 1449/PTO	Col	mplete if Known
		Application Number	
	INFORMATION DISCLOSURE	Filing Date	
		i First Named Inventor	Dave Van Vliet
	STATEMENT BY APPLICANT	Art Unit	
	(Use as many sheets as necessary)	Examiner Name	
S	eet 1 of 5	Attorney Docket Number	60538/2:1

				DOCUMENTS	
Examiner Initials*	Cite No.1			Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
FP	1	US- 3,311,097	03/28/1967	Mittelstaedt	
ī	2	US- 3,505,188	04/07/1970	Pei-Tai Pan	
	3	US- 3,980,053	09/14/1976	Horvath	
	4	<sup>US-</sup> 3,981,789	09/21/1976	Harrison, et al.	
	5	<sup>US-</sup> 4,009,104	02/22/1977	Behrendt, et al.	
1	6	US- 4,014,777	03/29/1977	Brown	
	7	US- 4,036,726	07/19/1977	Gale, et al.	
	8	US- 4,062,754	12/13/1977	ЕіЫ	
	9	<sup>US-</sup> 4,101.409	07/18/1978	Austin	
	10	US- 4,140,609	02/20/1979	Zucker	
	11	<sup>US-</sup> 4,169,029	09/25/1979	Smirnov, et al.	
	12	<sup>US-</sup> 4,179,347	12/18/1979	Krause, et al.	
	13	<sup>US-</sup> 4,184,931	01/22/1980	Inoue	
	14	US- 4,206,031	06/03/1980	King	
	15	US- 4,384,943	05/24/1983	Stoner, et al.	
T	16	us- 4,439,290	03/27/1984	Marfurt, et al.	
	17	<sup>US-</sup> 4,755,305	07/05/1988	Fremont, et al.	
	18	<sup>US-</sup> 4,772,369	09/20/1988	Mercier, et al.	
	19	<sup>US-</sup> 4,908,109	03/13/1990	Wright	

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Г
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Substitute	for form 1449/PTO		Complete if Known				
			Application Number				
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			First Named Inventor	Dave Van Vliet			
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	(Use as many sheets a:	s necessary)	Examiner Name				
Sheet 2	of	5	Attorney Docket Number	60538/2:1			

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Examiner Initials*	Cite No.1	Number-Kind Code <sup>3 (* Jacous)</sup> Document Number  Publication Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
FP	20	US- 4,919,775	04/24/1990	Ishigaki		
1	21	US- 4,956,057	09/11/1990	Stucki, et al.	<del> </del>	
	22	US- 5,091,152	02/25/1992	Thomas, Sr.		
	23	<sup>US-</sup> 5,108,563	04/28/1992	Cook		
	24	<sup>US-</sup> 5,256,263	10/26/1993	Kanai		
	25	<sup>US-</sup> 5,304,289	04/19/1994	Hayakawa		
	26	US- 5,324,398	06/28/1994	Erickson, et al.		
	27	US- 5,376,242	12/27/1994	Hayakawa		
	28	US- 5,399.247	03/21/1995	Carey, et al.		
	29	US- 5,435,894	07/25/1995	Hayakawa		
	30	<sup>US-</sup> 5,439,567	08/08/1995	Cook		
	31	<sup>US-</sup> 5,460,702	10/24/1995	Birkbeck, et al.		
	32	<sup>US-</sup> 5,549,800	08/27/1996	lwata		
	33	US- 5,549,812	08/27/1996	Witt a.k.a. Witte	·	
	34	US- 5,599,437	02/04/1997	Taylor, et al.		
	35	<sup>US-</sup> 5,611,907	03/18/1997	Herbst, et al.		
	36	<sup>US-</sup> 5,614,078	03/25/1997	Lubin, et al.		
	37	<sup>US-</sup> 5,695,650	12/09/1997	Held		
1	38	<sup>US-</sup> 5,698,107	12/16/1997	Wurzburger, et al.		

		FOREI	GN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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the appropriate symbols as indicated on the document under vivio Statistical Statistics. Application is attached.

Translation is attached.

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Substitute for form	1449/PTO		Complete if Known			
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			First Named Inventor	Dave Van Vliet	_	
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Sheet 3	of	5	Attorney Docket Number	60538/2:1	7	

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
FP	39	<sup>US-</sup> 5,851,404	12/22/1998	Christy, et al.	
Ī	40	<sup>US-</sup> 5,928,490	07/27/1999	Sweeney	
	41	<sup>US-</sup> 5,935,392	08/10/1999	Lubin, et al.	
	42	<sup>US-</sup> 5,935,412	08/10/1999	Brainard II	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	43	<sup>US-</sup> 6,126,794	10/03/2000	Chambers	
	44	<sup>US-</sup> 6,126,838	10/03/2000	Huang, et al.	
	45	<sup>US-</sup> 6,139,710	10/31/2000	Powell	
	46	us- 6,179,977	01/30/2001	Herbst	
	47	<sup>US-</sup> 6,179,991	01/30/2001	Norris, et al.	
	48	US- 6,238,546	05/29/2001	Knieper, et al.	
	49	<sup>US-</sup> 6,241,861	06/05/2001	Herbst	
	50	<sup>US-</sup> 6,294,061	09/25/2001	Morkovsky, et al.	
	51	US- 6,315,886	11/13/2001	Zappi, et al.	
$\neg$	52	US- 6,328,875	12/11/2001	Zappi, et al.	
	53	US- 6,346,197	02/12/2002	Stephenson, et al.	
	54	<sup>US-</sup> 6,391,184	05/21/2002	Orolin, et al.	
	55	<sup>US-</sup> 6,419,815	07/16/2002	Chambers	
	56	<sup>US-</sup> 6,482,327	11/19/2002	Mori, et al.	
7	57	<sup>US-</sup> 6,488.835	12/03/2002	Poweil	

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Substitute for form 1449/PTO

IŃ	INFORMATION DISCLOSURE				Filing Date				
	STATEMENT BY APPLICANT					ned Inventor	Dave Va	an Vliet	
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FP	58	US- 6,521,133	02/18/200	03	Roediger				
	59	<sup>US-</sup> 6,547,951	04/15/200		Maeka		<del></del>		
	60	US- 6,576,096	06/10/200		Andrew	/s. et al.			
	61	<sup>US-</sup> 6,613,202	09/02/200		Herbst.				
<del></del>	62	US- 6,613,217	09/02/200		Gilmore				
	63	US- 2002/0036175	03/28/200		Held, e			<del>                                     </del>	
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Compl t If Kn wn Substitute for form 1449/PTO **Application Number** INFORMATION DISCLOSURE **Filing Date** STATEMENT BY APPLICANT **First Named Inventor** Dave Van Vliet Art Unit (Use as many sheets as necessary) **Examiner Name** Sheet 5 **Attorney Docket Number** 5 60538/2:1 of

Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
nitials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
FP 64		BATTELE, "Battelle and D-H20 Demonstrate a Novel Pulsed Electric Field Technology to Substantially Reduce Biosolids," News Release, http://www.battelle.org/news/02/04-19-02Biosolids.stm, 2 pgs, April 19, 2002.	
	65	DONALD MILLS, "A New Process for Electrocoagulation," Journal AWWA, Plant Operation, June 2000, pgs. 34-43, Volume 92, Issue 6.	
$\perp$	66	Zappi Water Purification Systems, "Patents & Publications," visited 11/6/98, http://www.zappisystems.com/patents.htm, 1 page.	
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	60/427,921 10/717,451
Filing Date	November 19, 2002
First Named Inventor	Dave Van Vliet
Art Unit	
Examiner Name	
Attorney Docket Number	60538/2:1

Complete if Known

**U. S. PATENT DOCUMENTS** Examiner **Document Number Publication Date** Name of Patentee or Pages, Columns, Lines, Where Initials\* MM-DD-YYYY Relevant Passages or Relevant Applicant of Cited Document Figures Appear Number-Kind Code<sup>2</sup> (I known) <sup>US-</sup> 5,338,421 1 04/16/1994 Abe et al. US-US-US-US-US-UŞ-US. US-ÜS-US-US-US-US-US-US US-US

		FORE	IGN PATENT DOCU	MENTS		
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 of 2	Attor

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Application Number	10/717,951		
Filing Date	November 19, 2003		
First Named Inventor	Dave Van Vliet		
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Initials*	Cite No.1	Document Number	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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		FOREIGN	PATENT DOCU	JMENTS		
Examiner Initials*	Cite No.'	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Ţ.
	<u> </u>	Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>8</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	To
FP		EP-0748984	12/18/1996	Eastman Kodak		
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Subritio	te for form 1449/PTO				Complete if Known
	10 101111 1443/- 10			Application Number	10/717,951
INF	ORMATION	DIS	CLOSURE	Filing Date	November 19, 2003
STA	STATEMENT BY APPLICANT			First Named Inventor	Dave Van Vliet
				Art Unit	
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Sheet	2	of	2	Attorney Docket Number	60538/2:1
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
FP		INTERNATIONAL SEARCHING AUTHORITY, Invitation to Pay Additional Fees, dated April 27, 2004, 7 pgs, PCT   CA2003   01780	
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Substitute for form 1449/PTO		mplete if Known
· ·	Application Number	10/717,951
INFORMATION DISCLOSURI	Filing Date	November 19, 2003
	First Named Inventor	Dave Van Vliet
STATEMENT BY APPLICAN	Art Unit	
(Use as many sheets as necessary)	Examiner Name	
Sheet 1 of 1	Attorney Docket Number	60538/2:1

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Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code <sup>2 (f known)</sup>			Figures Appear
FP	1	<sup>US-</sup> 5,725,751	03/10/1998	Robert	
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Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete If Known Substitute for form 1449/PTO **Application Number** 10/717,951 INFORMATION DISCLOSURE Filing Date November 19, 2003 STATEMENT BY APPLICANT First Named Inventor Dave Van Vliet Art Unit (Use as many sheets as necessary) **Examiner Name Attorney Docket Number** 60538/2:1 Sheet 1

	_	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
FP		INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY, Written Opinion in PCT/CA2003/01780, dated November 10, 2004, 5 pages.	
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1 Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Complete if Known Substitute for form 1449/PTO Application Number 10/717,951 Filing Date November 19, 2003 INFORMATION DISCLOSURE First Named Inventor Dave van Vliet STATEMENT BY APPLICANT Art Unit 1724 (Use as many sheets as necessary) Examiner Name Fred G. Prince Attorney Docket Number XOGN001-02US Sheet 1

			U. S. PATENT	DOCUMENTS	-
Examiner Initials*	Cite No.	Document Number  Number-Kind Code <sup>2</sup> (7 Innovn)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
FP	Α	us- 20040108203-A1	06-10-2004	Sullivan, John T	
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